

Phenylalanine-4-hydroxylase (PAH) Recombinant Protein | PAH recombinant protein

Recombinant Human Phenylalanine-4-hydroxylase (PAH)

CATALOG # AAA15937	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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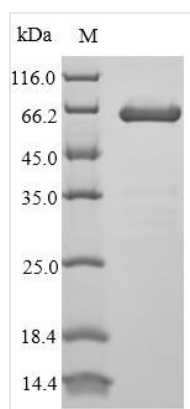
PRODUCT SYNONYMS

Phenylalanine-4-hydroxylase (PAH); Recombinant Human Phenylalanine-4-hydroxylase (PAH); Phenylalanine-4-hydroxylase; PAH; EC=1.14.16.1; Phe-4-monooxygenase; PAH recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-452aa; Full Length of Mature Protein
Sequence	STAVLENPGL GRKLSDFGQE TSYIEDNCNQ NGAISLIFSL KEEVGALAKV LRLFEENDVN LTHIESRPSR LKKDEYEFFT HLDKRSPLAL TNIILRHD IGATVHELSE DKKKDTVPWF PRTIQELDRF ANQILSYGAE LDADHPGFKD PVYRARRKQF ADIAYNYRHG QPIPRVEYME EEKKTWGTVF KTLKSLYKTH ACYEYNHIFP LLEKYCGFHE DNIPQLEDVS QFLQTCTGFR LRPVAGLLSS RDLGGLAFR VFHCTQYIRH GSKPMYTPPEP DICHELLGHV PLFSDRSFAQ FSQEIGLASL GAPDEYIEKL ATIWFTVEF GLCKQGDSIK AYGAGLLSSF GELQYCLSEK PKLLPLELEK TAIQNYTVTE FQPLYYVAES FNDAKEKVRN FAATIPRPFS VRYDPYTQRI EVLDNTQQLK ILADSINSEI GILCSALQKI K
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for PAH recombinant protein	Signal Transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557819
NCBI GeneID	5053
NCBI Accession #	NP_000268.1
NCBI GenBank Nucleotide #	NM_000277.1
UniProt Accession #	P00439; Q16717; Q8TC14
Molecular Weight	67.7 kDa
NCBI Official Full Name	phenylalanine-4-hydroxylase
NCBI Official Synonym Full Names	phenylalanine hydroxylase
NCBI Official Symbol	PAH
NCBI Official Synonym Symbols	PH; PKU; PKU1
NCBI Protein Information	phenylalanine-4-hydroxylase; phe-4-monooxygenase; phenylalanine 4-monooxygenase
UniProt Protein Name	Phenylalanine-4-hydroxylase
UniProt Gene Name	PAH
UniProt Synonym Gene Names	PAH
UniProt Entry Name	PH4H_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/pah-recombinant-protein-e-coli/15937>